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# **Joint Service Safety Conference**

## **DoN Motorcycle Issues and Way Ahead**

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**CAPT Ken Freeman**  
**Director, Shore Safety, Naval Safety**  
**Center**  
**6 Nov 2007**



# BLUF

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Sport Bike Sales and Fatalities Increasing

At Risk Age Group - 18-30 year-olds  
Our Core Population

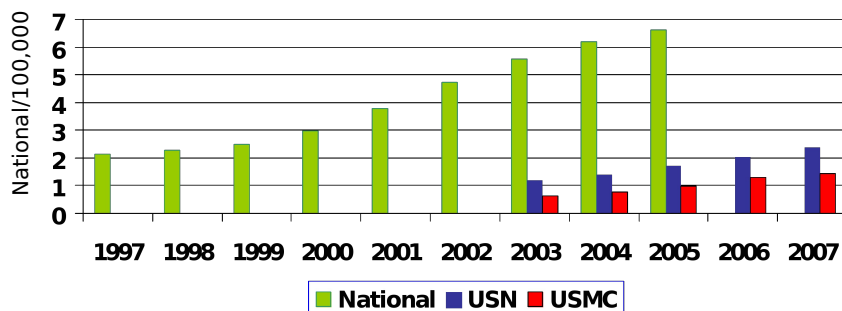
Excessive Speed / Loss of Control  
Major Factors

Motorcycle Training NOT Keeping Pace With  
Changing Trends



# National/USN/USMC Motorcycle Data

**National/ USN/ USMC  
Current Motorcycle Registrations**

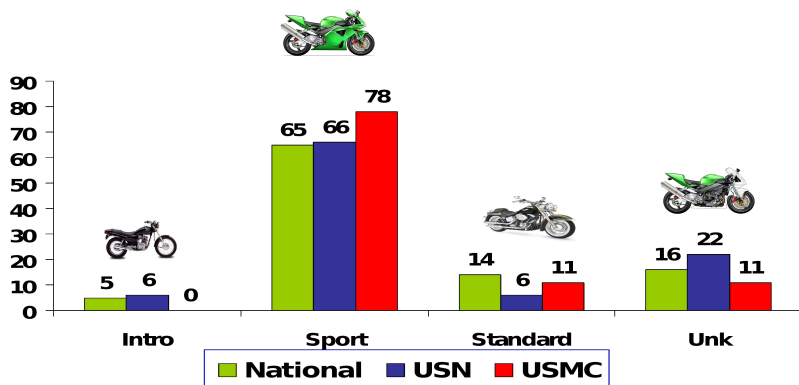


USN-USMC/10,000

- National M/C registrations tripled since 1998
- USN M/C registrations doubled in 5 years.
- USMC M/C registrations increased 2.5 times.
- Sport Bike registrations increased 83% from 00-05

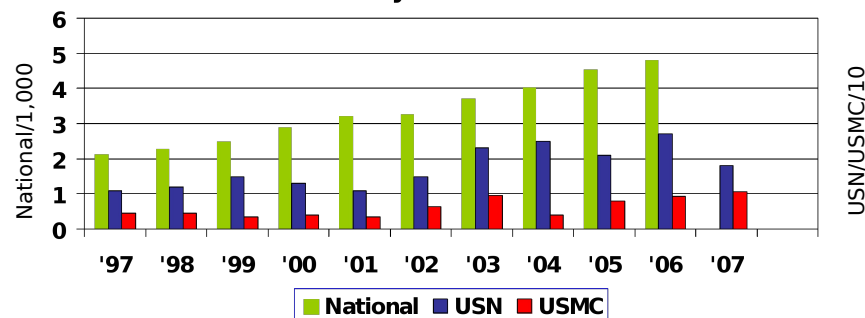
- National fatalities doubled since 1997
- USN/USMC fatalities have generally followed the national trend

**National(CY05)/USN(FY07)/USMC(FY07)  
Fatalities by Type Motorcycle**



Values are percentage of Fatalities

**National/ USN/ USMC  
Motorcycle Fatalities**

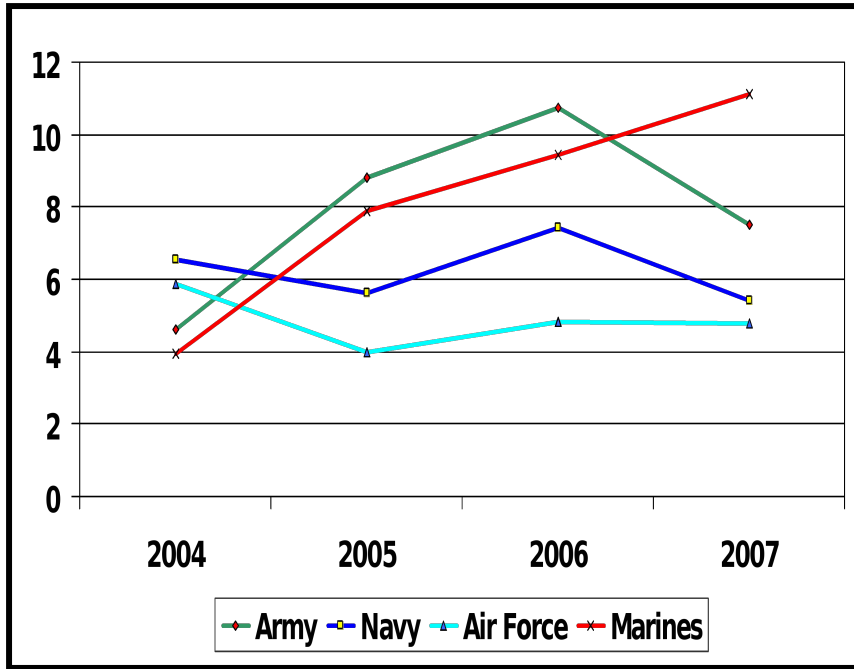


USN/USMC/10

- **Sport bikes dominate the number of fatalities** Nationally and in DoN
- In 2005 Sport Bikes accounted for 38% of US Vehicle Fatalities.
- **Sport bike riders are primarily in the 19-30 year age bracket.**
- National increase of Standard rider mishaps matches older

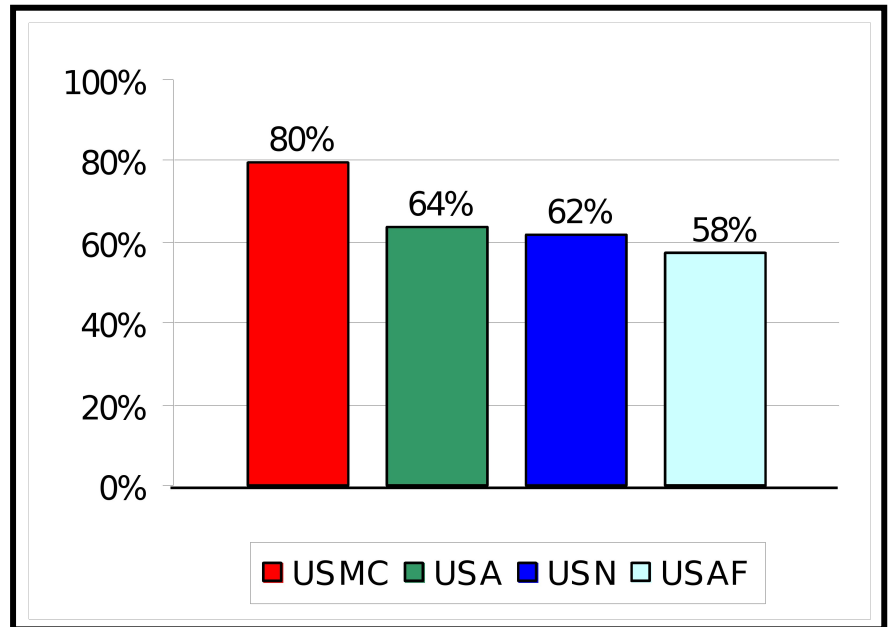


# DoD Motorcycle Service Comparisons



**DoD Motorcycle Class A Rates**

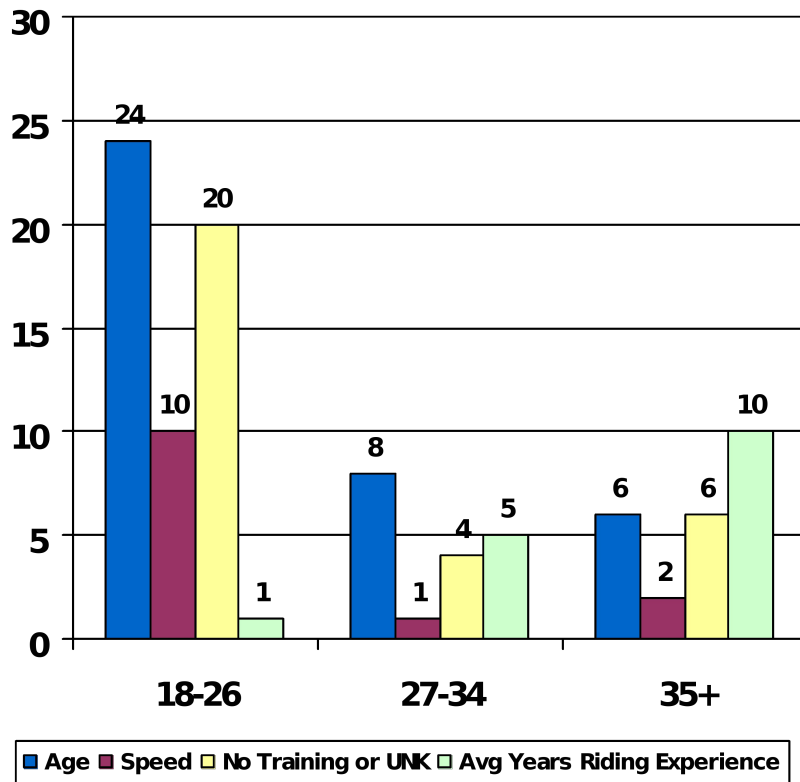
## Personnel Under Age 30



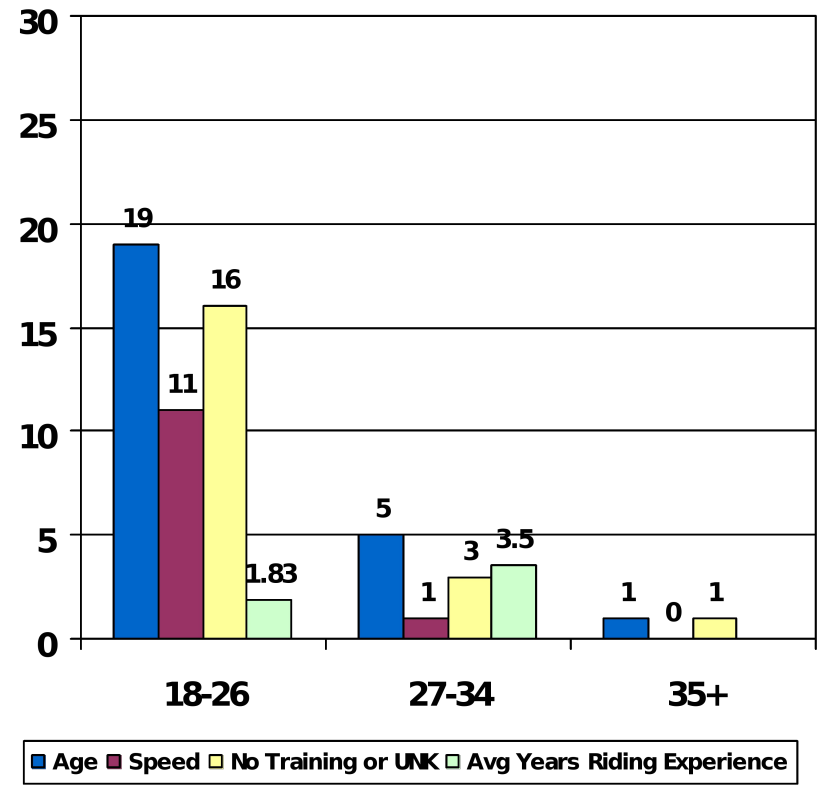


# USN/USMC FY 06 - 07 Motorcycle Class A Profile

## Navy Profile



## Marine Profile





# Current State of DoD Motorcycle Training

## USN:

- Provided by - State Partnerships, Contractors, Govt. Employees, and Volunteers
- Managed by - CNIC Regional Safety Managers (funded by CNIC)
- Trainer bikes:
  - ✓ No Uniformity - Minimally provided - funded by Region
- Re-Certification - Not Required (OPNAVINST 5100.12)

## USA:

- Provided and Managed by - Service-wide contractor (Cape Fox Professional Services)
- Trainer bikes: Contractor Owned
  - ✓ Approx: 250 - 300 bikes available for training (leased or outsourced)
  - ✓ Bikes come with maintenance plan
  - ✓ Bikes and Coaches trailered to remote locations
- Re-Certification - Not Required (AR - 385-10)

## USMC:

- Provided by - State Partnerships, Govt. Employees and Volunteers
- Managed by - Activity Safety Managers
- Trainer bikes
  - ✓ No Uniformity - Minimally provided by MCB or State
- Re-Certification - Not Required (MCO 5100.19)
  - ✓ Proposed revision - Will require every three years.

## USAF:

- Provided by - State Partnerships, Contractors Govt. Employees, and Volunteers
- Managed by - Activity Safety Managers
- Trainer bikes - Minimally provided by AF base or State
- Re-Certification - Not Required but recommended. (AFI 91-207)



# Issues

- ✓ Policy Not Optimally Aligned for Success
  - ✓ Sport Bike Training
  - ✓ Training Bikes
  - ✓ Recurring Training
- ✓ Resources Not Optimally Expended
  - ✓ Differing Programs
  - ✓ Synergy/Economies of Scale
  - ✓ Effectively Targeted
- ✓ Culture/Mindset
  - ✓ Riders Under the RADAR
  - ✓ New Riders on Their Own



# DON Way Ahead

- ✓ Change OPNAVINST 5100.12G and MCO 5100.19E to require:
  - ✓ Service-Wide Solution
  - ✓ Training continuum
  - ✓ Sports Bike Training
  - ✓ PPE Standards
- ✓ NSC, CMC-SD and Fleet Representatives Research to Determine Best Solution for Service-wide Motorcycle Training
  - ✓ Outsourcing
  - ✓ Trainer Bikes
  - ✓ Course curriculum
  - ✓ Course Material
- ✓ Mentorship Programs
- ✓ Emphasize Command & Personal Accountability





# Questions

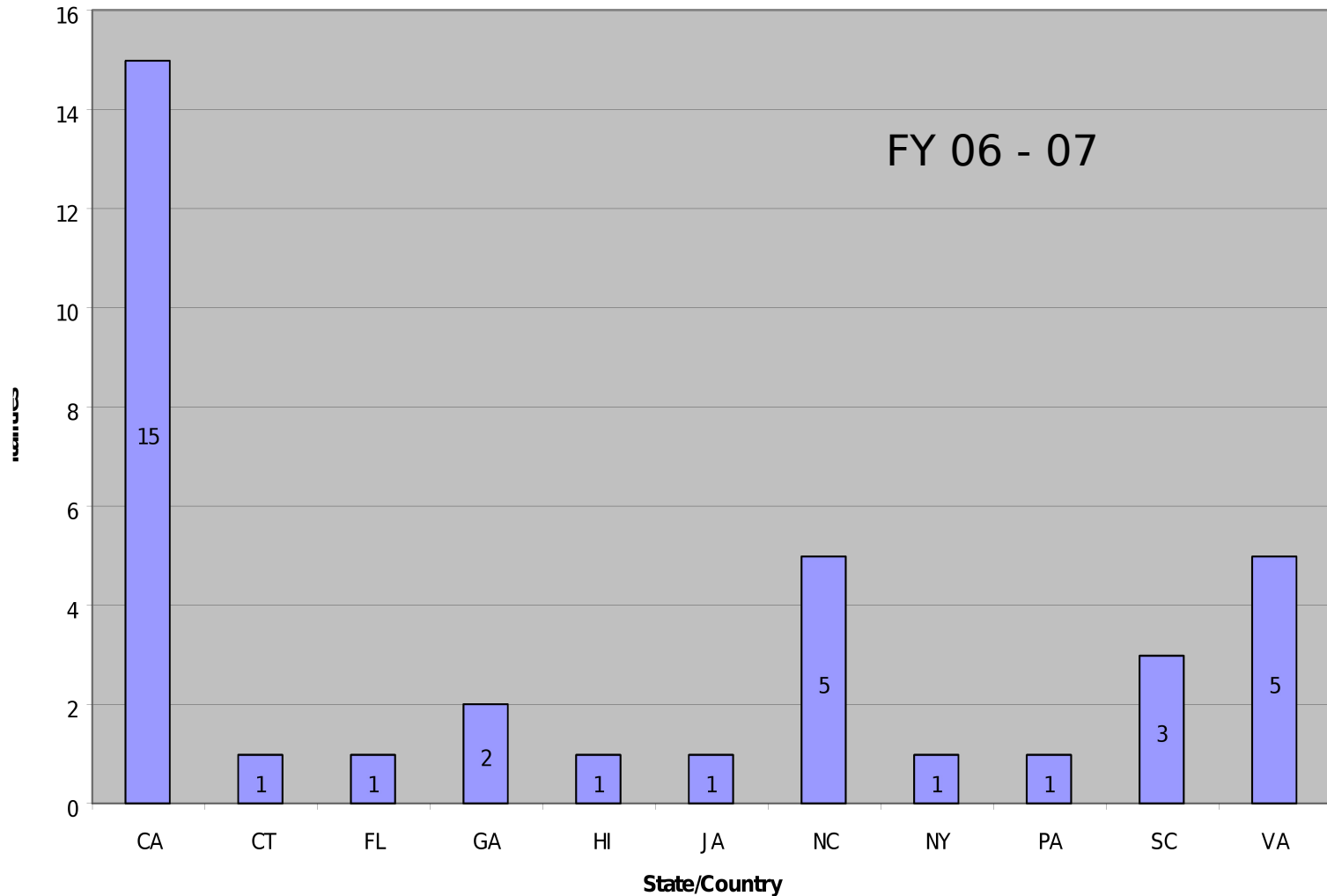




# BACK UP SLIDES

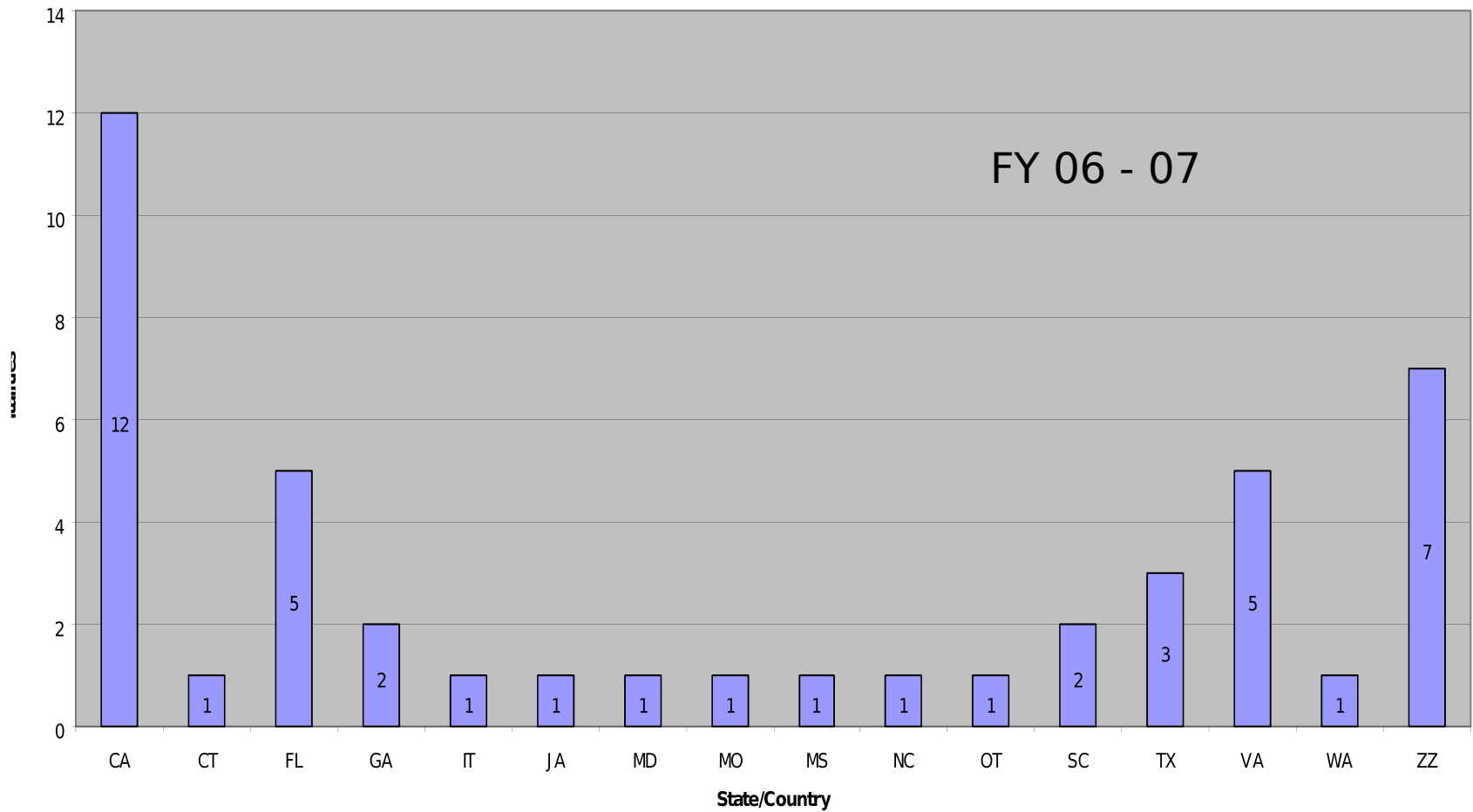


# USMC Class A Motorcycle Mishaps by Location





# USN Class A Motorcycle Mishaps by Location





# DoD Way Ahead

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- ✓ Establish JSSC Working Group to Develop a Joint Way Ahead for DoD
  - ✓ Research a Possible Joint Solution for Motorcycle Training
  - ✓ Develop mutually agreeable policy for Inclusion in DoDI 6055.4
    - ✓ Sports Bike Training
    - ✓ Training continuum
    - ✓ PPE Standards
- ✓ Develop Cross Service Training MOUs



# Motorcycle Types



Dirt Bike 50-650cc

High ground clearance, not road ready



Sport Touring 1100-1800cc  
450-650lb, High performance



Standard 650-1800cc,  
700-1200lb, High power



Super Sport 650-1100cc  
290-350lb, High performance



Intro Bike 125-500cc,  
200-500lb



Sport Unclad 650-1100cc  
290-350lb, High performance



Scooters 50-650cc